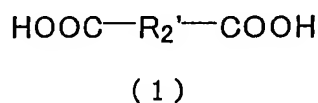


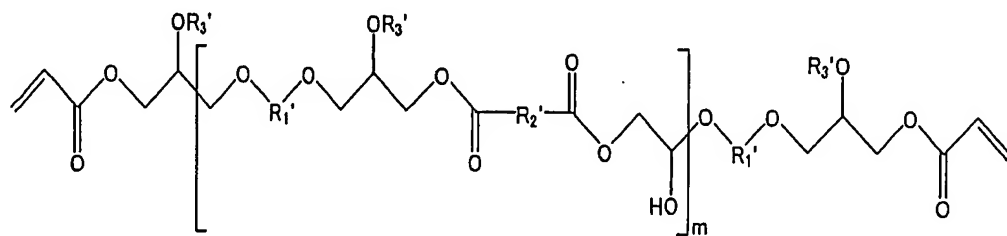
## CLAIMS

1. A polycarboxylic acid resin obtained by reacting one or more epoxy resin (a), having two glycidyl groups, with one or more dibasic acid (b), represented by the general formula (1) shown below having 4-10 carbon atoms, and one or more ethylenically unsaturated monocarboxylic acid (c) to obtain a linear adduct polymer (A); and by reacting the linear adduct polymer (A) with one or more polybasic acid anhydride (d).



(wherein  $\text{R}_2'$  represents an alkylene, hydroxyalkylene, alkenylene, cycloalkylene, or cycloalkenylene group having 2-8 carbon atoms)

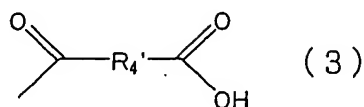
2. A polycarboxylic acid resin according to claim 1 represented by the general formula (2) shown below:



(2)

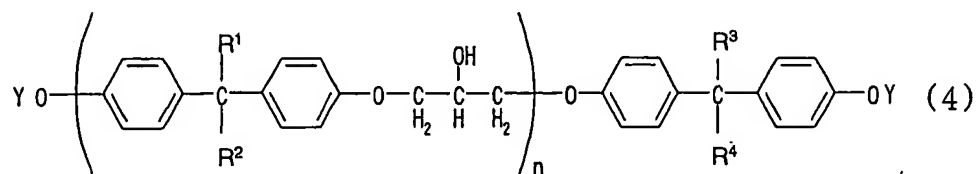
(wherein  $\text{R}_1'$  represents a divalent group derived from epoxy resin (a) having two glycidyl groups,  $\text{R}_2'$  represents an alkylene, hydroxyalkylene, alkenylene,

cycloalkylene, or cycloalkenylene group having 2-8 carbon atoms, R<sub>3</sub>' represents a hydrogen atom or the general formula (3) shown below, and m represents an integer of 0 or 1 to 20)



(wherein R<sub>4</sub>' represents an organic group having 2-8 carbon atoms derived from polybasic acid anhydride (d)).

3. A polycarboxylic acid resin according to claim 1 or 2, wherein epoxy resin (a) having two glycidyl groups comprises an epoxy resin represented by the general formula (4) shown below:



(wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> independently represent a hydrogen atom or a methyl group, Y represents a glycidyl group, and n represents an integer of 0 or 1 to 10).

4. A polycarboxylic acid resin according to claim 1 or 2, wherein ethylenically unsaturated monocarboxylic acid (c) comprises an acrylic acid and/or a methacrylic acid.

5. A polycarboxylic acid resin according to claim 1 or 2, wherein dibasic acid (b) contains itaconic acid as an essential ingredient.

6. A polycarboxylic acid resin composition comprising the polycarboxylic acid resin according to claim 1, reactive diluent (g), and sealant (h).

7. A polycarboxylic acid resin composition according to claim 6, further comprising photopolymerisation initiator (i).

8. A cured product prepared by curing the polycarboxylic acid resin composition according to claim 6 or 7.